# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Tuesday 19 Apr 2022 until 23:59 on Wednesday 20 Apr 2022

Forecast Issued on Tuesday 19 Apr 2022 at 02:54

**Confidence:** High confidence in the synoptic situation, moderate confidence in shower details tomorrow and overall cloud amounts through the week.

**Headline for Tuesday 19 Apr 2022:** A generally cloudy day with some brief sunny intervals and showers through the afternoon.

**Mountain weather hazards on Tuesday 19 Apr 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Light rain showers | Heavy rain showers | Light rain showers | Cloudy |
| Precipitation probability | | | | | |
| 10% | 20% | 50% | 50% | 30% | 10% |

**Forecast for Tuesday 19 Apr 2022**

**Weather:** Variable amounts of cloud in the morning with breaks most likely towards the northeast. Cloud cover increasing during the morning with slow-moving showers developing by midday. Showers most frequent during the afternoon, occasionally heavy with a low risk of hail. Showers slowly dissipate early evening but remaining mostly cloudy overnight.

**Chance of cloud-free hill tops above 600m:** 100% for much of the day, occasionally 70% during the morning as convective cloud develops.

**Low cloud and visibility:** Mostly good visibility with cloud bases above summits, even during afternoon showers. Briefly moderate visibility as convective cloud forms around 500-600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Met Office Mountain Weather Forecast

**Forecast for Tuesday 19 Apr 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/7 NE | 8/11 NE | 10/13 NE | 10/14 NE | 11/16 NE | 12/17 NE | 13/19 NE |
| **300** | 2/7 NW | 7/10 N | 8/12 NE | 9/12 NE | 8/11 E | 7/12 NE | 8/14 NE |
| **Valley** | 4/9 N | 5/8 N | 6/11 NE | 6/11 NE | 5/12 NE | 4/12 NE | 7/16 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/3 | 5/3 | 7/4 | 7/4 | 6/3 | 5/2 | 4/0 |
| **300** | 6/6 | 8/6 | 10/8 | 10/8 | 9/7 | 8/6 | 7/4 |
| **Valley** | 7/6 | 10/9 | 11/10 | 11/10 | 10/9 | 8/7 | 8/6 |
| **Freezing Level*** | 1200m | 1200m | 1300m | 1300m | 1400m | 1400m | 1400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Chance of high UV levels in any sunny breaks. Feeling cool for much of the day particularly if caught in the slow-moving afternoon showers.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Mon 18 Apr 2022 | 0mm | 0mm | 0mm |

**Forecast for Wednesday 20 Apr 2022**

**Weather:** Risk of low cloud towards the east of the park around dawn, dissipating quickly in the morning sunshine. Fair weather cloud developing during the morning but plenty of sunny spells are expected through the day. Feeling cool at first in a strengthening easterly wind, but temperatures will quickly pick up and it will feel warm in the afternoon sunshine. Chance of a light shower in the afternoon.

**Maximum wind:** Easterly 15mph gusting 25mph

**Chance of cloud-free hill tops above 600m:** Possibly 60% at first, otherwise 100% through the day.

**Low cloud and visibility:** Chance of poor visibility in low cloud base 400-500m in the east at first, otherwise very good visibility.

**Temperature:** **Valleys:** Plus 4 Celsius increasing to plus 12 Celsius.
**At 600m:** Plus 7 Celsius
**Freezing level:** Above summits.

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